

Preface

- Trauma is a..
 - "blow to the psyche that breaks through one's defenses so suddenly and with such force that one cannot respond effectively."

Kai Erickson In the Wake of a Flood, 1979





Preface: Activity

- The Importance of Self Care
 - Especially critical for educators without a mental health background as they may not have been given guidance on this as part of their pre-service training.
 - Let's practice what we preach!

Preface: Activity The Importance of Self Care Sit comfortably with your feet flat on the floor. Close your eyes and breath normally.

Cicchetti & Gill (2016)

3. Think of your conscious attention as a radio tuner that you can adjust.

Preface: Activity The Importance of Self Care Tune your radio, pay attention to, the sounds outside of this room. the sounds inside this room. the sounds your body is making. take three deep breaths – listen to the sounds of those breaths. the sounds inside this room. the sounds your body is making. the sounds inside this room. the sounds outside of this room. the sounds uside this room. the sounds your body is making. the sounds outside of this room. Open your eyes.



- Positive Stress
 - Moderate, short-lived stress responses.
 Essential for normal development.
- Tolerable Stress
 - Potentially harmful, but short-lived acute stressors.
- Toxic Stress
 - Strong, frequent, prolonged activation of stress mechanisms.

nter on the Developing Child (Harvard); National Scientific Council on the Developing Child (2014)

















Traumatic Stress: Neurobiology

- Toxic Stress Affects the Brain
 - Neural circuits for dealing with stress are particularly malleable early in development.
 - Learning to respond to stress is essential to normal development.
 - However, frequent/sustained activation of the neurobiological mechanisms responsible for responding to stressors may increase vulnerability to a range of behavioral and physiological disorders over a lifetime.

National Scientific Council on the Developing Child (2005/2014)





Traumatic Stress

- Consequences
 - Attachment and relationships
 - Physical health

CTSN (http://www.nctsn.org/trauma-types/complex-trauma/effects

- Emotional responses
- Dissociation
- Behavior
- Cognition
- Self-Concept & Future Orientation

Traumatic Stress

Consequences

- Psychological
 - Increased risk for mental illness
 - Depressive disorders
 - Anxiety disorders (e.g., specific phobia, social anxiety disorder, panic disorder) Trauma- and stressor-related disorders (i.e., disinhibited social
 - engagement disorder, posttraumatic stress disorder, acute stress disorder, adjustment disorders)

 - Dissociative disorders (e.g., dissociative identity disorder, dissociative amnesia, depersonalization/derealization disorder)
 Sleep-wake disorders (e.g., insomnia disorder, nightmare disorder)
 - Substance-related and addictive disorders

18

APA (2013); Brock et al. (2016)









Traumatic Stress

- Consequences
 - Psychological
 - Affects how the brain processes information
 "... maltreatment may sensitize children to certain emotional information that may be adaptive in abusive contexts but maladaptive in more normative interpersonal situations."

22

23

Pollak et al. (2009, p. 6)

ayne et al. (2014)

Traumatic Stress

Consequences

- Behavioral
 - With increased trauma exposure the odds that an adolescent will display problem behavior (i.e., attachment difficulties, skipping school, running away from home, substance abuse, suicidality, criminality, self-injury, alcohol use, and victim of sexual exploitation) increases.

Traumatic Stress

Consequences

- Behavioral
 - Problems focusing/concentrating (Compas & Boyer, 2001Pynoos & Nader, 1998; Traweek, 2006)
 - Poor social functioning (Rucklidge, 2006)
 - Outbursts of anger, hyperactivity, impulsivity (Glod & Teicher, 1996)
 - * "... when this stress exposure occurs repeatedly or in the context of high social biological vulnerability, children begin to experience a 'wear and tear' process known as allostatic load. Allostatic load is characterized by less activation in brain regions like the prefontontal cortex that are responsible for reflective self-regulation and sustained attention and increased activation in regions of the limbic system that are associated with automated, emotionrelated responses to threat." (McCoy et al., 2015, p. 3)

Traumatic Stress

- Consequences
 - Educational
 - Decline in academic performance (Kruczek, 2006; Gahen, 2005), IOWER GPA (Borofsky et al., 2013; Mathews et al., 2009)
 - Outbursts of anger, hyperactivity, impulsivity (Glod & Teicher, 1996)
 - Decreased IQ (Kira et al., 2012)
 - Dropping out of high school (Porche et al., 2011)

25













